

Sub E1  
37. (Twice Amended) A graft system for repairing an abdominal aortic aneurysm comprising at least one integral, unitary tubular graft component having a first end portion, a second end portion, and a middle portion extending therebetween, the middle portion including one or more independent gripping stents spaced apart from one another and secured to an inner surface of the integral tubular graft component, wherein the cross-sectional areas of the first and second end portions is greater than the cross-sectional area of the middle portion and the graft component tapers from the first and second end portions to the middle portion.

Sub E2  
46. (Amended) A graft system for repairing an aneurysm in a vessel comprising:

a delivery catheter having an outer sheath and an inner portion contained within a lumen formed by the outer sheath;

first and second integral, unitary graft segments located in the delivery catheter between the inner portion and the sheath, the first and second graft segments being formed of a material which expands from a radially contracted position to a radially expanded position when the sheath is withdrawn, the first and second graft segments being positioned in the delivery catheter in a non-overlapping manner such that the first graft segment may be deployed independently of the second graft segment and the second graft segment can be deployed thereafter in a telescoping manner with respect to the first graft segment by advancing the catheter into a lumen formed when the first graft system is deployed and further withdrawing the sheath such that